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Substitute for Form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 5

## Complete if Known

Application Number 10/532,412  
Filing Date 04-22-05  
First Named Inventor Akifumi Okuda  
Art Unit 1645  
Examiner Name Shannan Shah, Khatol S.  
Attorney Docket Number 0425-1185PUS1

## U.S. PATENT DOCUMENTS

Examiner Initial <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Apper
	1	US-2008-0228404 - A1	12-11-2003	Nishimoto et al.	
	2	US-2008-0004430 - A1	01-12-2006	Kotaka et al.	
	3	US-2009-0111589 - A1	05-29-2008	Okuda et al.	
	4	US-2008-0247203 - A1	11-02-2008	Kato et al.	
	5	US-2007-0155866 - A1	07-05-2007	Ishihara et al.	
	6	US-2008-0214564 - A1	08-04-2008	Ishihara et al.	
	7	US-2008-0255146 - A1	10-16-2008	Kotaka et al.	
	8	US-2009-0325978 - A1	12-31-2009	Onai et al.	
	9	US-5977109 - A	11-02-1999	Nakamura et al.	
	10	US-7550903 - B2	06-23-2009	Kotaka et al.	
	11	US-7578204 - B2	05-18-2005	Nagai et al.	
	12	US-7619100 - B2	11-17-2009	Kotaka et al.	
	13	US-7567502 - B2	02-23-2010	Agarwal	

## FOREIGN PATENT DOCUMENTS

Examiner Initial <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country <sup>3</sup> Number <sup>3</sup> and Code <sup>3</sup> (if known) <sup>3</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Apper	18
	14	JP 10-502619 - A	03-10-1998			✓
	15	EP 1003175 - A2	03-14-2001			✓
	16	GB 1159082 - A	05-21-1996			✓
	17	EP 1506570 - A1	02-23-2005			✓
	18	EP 1880984 - A1	01-23-2008			✓
	19	JP 2001-348384 - A	12-19-2001			✓
	20	JP 2005-58885 - A	05-22-2002			✓
	21	WO 2004-098614 - A1	11-18-2004			✓
	22	JP 2004-269458 - A	09-30-2004			✓
	23	WO 2005-072223 - A1	05-11-2005			✓

Examiner Signature	Date Considered
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<sup>2</sup> Applicant's unique citation designation number (optional). See Kind codes of USPTO patent documents at [www.uspto.gov](http://www.uspto.gov) or MPE P 601.04

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard S.3.1.4). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WFO-Standard S.1.4. If it is possible 8. Applicant is to place a check mark here if English language translation is attached.

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Complete if Known

Application Number	10/532,412
Filing Date	04-22-05
First Named Inventor	Akifumi Okuda
Art Unit	1645
Examiner Name	Shahrian Shah, Khatol S.
Attorney Docket Number	0425-1185PUS1

(Use as many sheets as necessary.)

Sheet 2 of 5

[illegible][illegible]Date  
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Substitute for form 1449B/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/532,412		
		Filing Date	04-22-06		
		First Named Inventor	Akifumi Okuda		
		Group Art Unit	1645		
		Examiner Name	Shahnan Shah, Khatol S.		
Sheet	3	of	5	Attorney Docket Number	0425-1185PLUS1

NON PATENT LITERATURE DOCUMENTS		
Examiner Initial *	Cite No. 1	Inclusion name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	29	Non-Final Office Action dated January 06, 2010 of U.S. Application No. 12/021,184.
	30	Non-Final Office Action dated October 9, 2008 of U.S. Application No. 11/213,962.
	31	Notice of Allowance and Allowability dated June 29, 2009 of U.S. Application No. 11/927,542.
	32	Notice of Allowance and Allowability dated September 29, 2009 of U.S. Application No. 11/213,962.
	33	Restriction Requirement dated October 1, 2008 of U.S. Application No. 11/927,542.
	34	D. Zips, et al., "New Anticancer Agents: In Vitro and In Vivo Evaluation." In Vivo, 2005, vol. 19, pp. 1-8.
	35	Ekens et al., "First-in-human clinical, pharmacokinetic (PK) and pharmacodynamic (PD) phase I study of the first-in-class sulindone inhibitor E7107 administered IV (bolus) on days 1, 8, and 15 every 26 days to patients with solid tumors", Abstract, American Society of Clinical Oncology, Jan. 8, 2009.
	36	International Preliminary Report on Patentability and Written Opinion of the International Searching Authority dated August 4, 2009 for corresponding Application No. PCT/JP/2008/051695 which corresponds to U.S. Provisional Application No. 60/888,257.
	37	J. Simone, "Part XIV - Oncology", Textbook of Medicine, 20th Edition, W.B. Saunders Company, February 3, 1987, vol. 1, pp. 1004-1010.
	38	J.I. Johnson, et al., "Relationships between drug activity in NCI preclinical in vitro and in vivo models and early clinical trials." British Journal of Cancer, 2001, vol. 84, no. 10, pp. 1424-1431.
	39	Kazumi Sugimori, "the Sugimori C method", Seiyaku Koujyou, Vol. 8, No. 6, pp. 571-576, 1988.

Examiner Signature	Date Considered
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\* EXAMINER Initial of reference considered, whether or not citation is in conformance with MPEP 601. Draw line through citation if not in conformance and not understood. Include copy of this form with next communication to applicant.  
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Substitute for form 1449B-PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>	10/532,412
		<b>Filing Date</b>	04-22-05
		<b>First Named Inventor</b>	Akifumi Okuda
		<b>Group Art Unit</b>	1645
		<b>Examiner Name</b>	Shahran Shah, Khatol S.
<b>Sheet</b>	4	<b>of</b>	5
		<b>Attorney Docket Number</b>	G425-1185PLUS1

NON PATENT LITERATURE DOCUMENTS		
Examiner Initial*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (action appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	40	M. T. Zell, et al., "Investigation of Polymorphism in Aspartame and Neosame Using Solid-State NMR Spectroscopy," Tetrahedron, 2000, vol. 56, pp. 6603-6616.
	41	Non-Final Office Action dated February 11, 2009 of U.S. Application No. 11/927,542.
	42	Non-Final Office Action dated March 31, 2008 of U.S. Application No. 11/473,261.
	43	Notice of Allowance and Allowability dated February 3, 2009 of U.S. Application No. 11/473,261.
	44	Notice of Allowance and Allowability dated May 18, 2009 of U.S. Application No. 11/213,962.
	45	Restriction Requirement dated October 8, 2009 of U.S. Application No. 11/927,564.
	46	Restriction Requirement dated September 16, 2009 of U.S. Application No. 12/021,184.
	47	Restriction Requirement, dated June 19, 2008 of U.S. Application No. 11/213,962.
	48	S.L. Montenegro et al., "Elucidation of crystal form diversity of the HIV protease inhibitor ritonavir by high-throughput crystallization", PNAS, March 4, 2003, vol. 100, no. 5, pp. 2190-2194.
	49	Supplemental Notice of Allowability dated April 1, 2009 of U.S. Application No. 11/473,261.
	50	Supplemental Notice of Allowability dated April 13, 2009 of U.S. Application No. 11/473,261.

<b>Examiner Signature</b>	<b>Date Considered</b>
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Substitute for form 14-19(LEPTC)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 5 of 5

*Complete if Known*

Application Number	10/532,412
Filing Date	04-22-05
First Named Inventor	Akifumi Okuda
Group Art Unit	1645
Examiner Name	Shahnan Shah, Khatol S
Attorney Docket Number	0425-1185PUS1

## NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner  
Signature

Date Considered

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1. Applicants verify original signatures match (implicitly) 2. Applicant to place a check mark next to English language Translators is attached. This certificate of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or renew a benefit by the public which is to be filed (and the CBPTC to process) an application. Confidentiality is guaranteed by 38 USC 512 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, excluding gathering, separating, and submitting the correlated application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form would be appreciated for reducing the time required, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 4500 Alexandria, VA 22304-1450, or by e-mail to [USPTO-FOI@USPTO.GOV](mailto:USPTO-FOI@USPTO.GOV). Please include the word "FOIA" in the subject line. Send TO: Commissioner for Patents, P.O. Box 4550, Alexandria, VA 22315-1450

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